

## Ultralight Business DMR Portable Two-way Radio

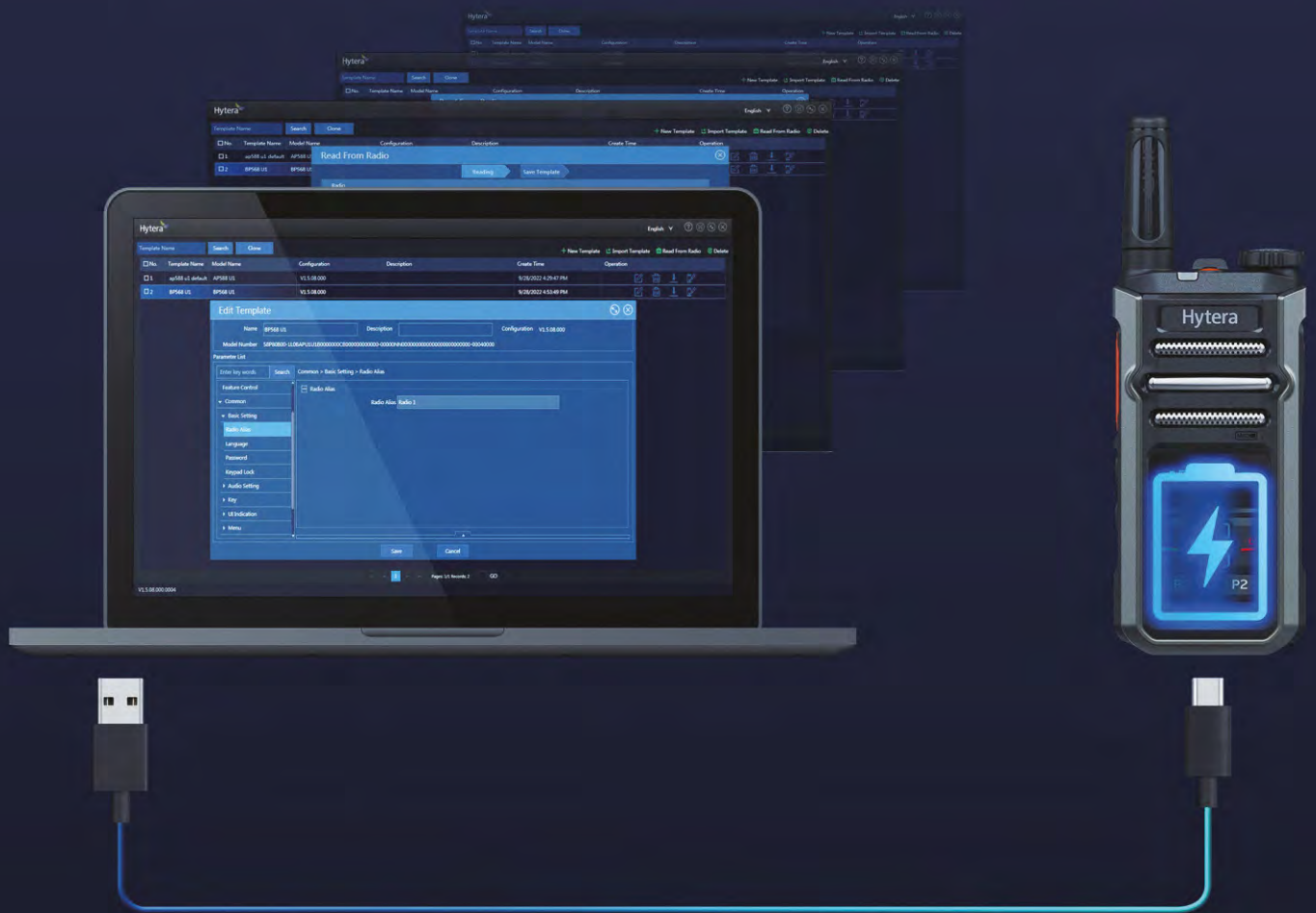
# BP365

STAY CONNECTED. STAY PRODUCTIVE.

- Analog-and-Digital compatibility
- Professional noise cancellation algorithm
- DMO Two-slot communication solution
- Compact body design
- 4.5cm ultra-stubby antenna
- All-in-one Type-C USB port



# STAY CONNECTED. STAY PRODUCTIVE.



## One port fits all

Users can program, upgrade and charge the BP365 through the same Type-C USB port on the bottom.



## Fast charging on the go

The built-in battery can be fully charged in just 2.5 hours, and a one-hour charge provides 8 hours of communication.



## Save costs of frequency point

Two-slot TDMA technology allows two groups of users to communicate independently at the same time on the same frequency..



## Be informed throughout the workplace

Thanks to the 3W TX power and up to 0.18μV receiving sensitivity, the BP365 enables the users to communicate with each other wherever they are in the workspace.



## VOX

Using the Voice Operated Transmit (VOX) feature, the users can make a hands-free call without pressing and holding the PTT key.



4.5cm ultra-stubby antenna facilitates carrying anywhere on the body.



The C-Earset delivers great audio and is comfortable to wear for long periods.



Compact body design and slim-form factor makes BP365 thinner and lighter.



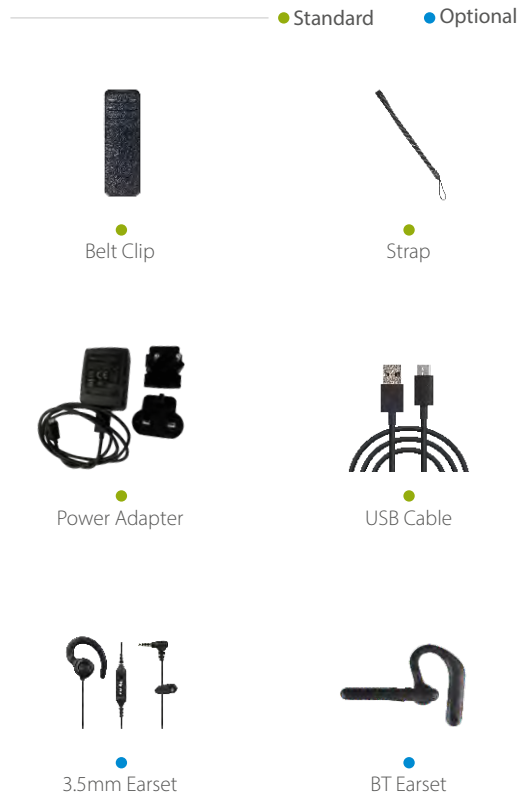
Professional noise cancellation algorithm delivers crystal clear audio.



## SPECIFICATIONS

General	
Frequency Range	400-440MHz, 430-470MHz
Channel Capacity	256
Zone Capacity	8
Channels per zone	16
Channel Spacing	12.5kHz/20kHz/25kHz
Operating Voltage	3.8V
Battery	2200 mAh Li-Polymer (built-in)
Battery Life	Analog: 10 hours (5/5/90 Duty Cycle, High TX Power) Digital: 14 hours
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
Dimensions (HxWxD)	158x55x24mm (with antenna) 118x55x24mm (device housing without antenna)
Weight	135g
Display	0.9 inch OLED
BT (Optional)	BT 5.0 BLE+EDR
Receiver	
Sensitivity	Analog: 0.18μV Digital: 0.18μV
Adjacent Channel Selectivity	TIA-603: 60dB@12.5kHz / 70dB@20/25kHz ETSI: 60dB@12.5kHz / 70dB@20/25kHz
Intermodulation	TIA-603: 70dB@12.5/20/25kHz ETSI: 65dB@12.5/20/25kHz
Spurious Response Rejection	TIA-603: 70dB@12.5/20/25kHz ETSI: 70dB@12.5/20/25kHz
Blocking	TIA-603: 80dB ETSI: 84dB
Hum&Noise	40dB@12.5kHz, 43dB@20kHz, 45dB@25kHz
Rated Audio Power Output	0.5W
Rated Audio Distortion	≤3%
Audio Response	+1 to -3dB
Conducted Spurious Emission	<-57dBm
Transmitter	
Power Output	3W/1W
FM Modulation	11K0F3E@12.5kHz, 14K0F3E@20kHz, 16K0F3E@25kHz
4FSK Digital Modulation	12.5 kHz data only: 7K60FXD 12.5 kHz data and voice: 7K60FXW
Conducted/Radiated Emission	-36dBm<1GHz, -30dBm>1GHz
Modulation Limiting	±2.5kHz@12.5kHz, ±4.0kHz@20kHz, ±5.0kHz@25kHz
FM Hum&Noise	40dB@12.5kHz, 43dB@20kHz, 45dB@25kHz
Adjacent Channel Power	60dB@12.5kHz, 70dB@20/25kHz
Audio Response	+1 to -3dB
Audio Distortion	≤3%
Digital Protocol	ETSI-TS102 361-1,-2,-3
Digital Vocoder Type	AMBE+2™
Environmental	
Operating Temperature	-20°C~+50°C
Storage Temperature	-40°C~85°C
ESD	IEC 61000-4-2 (Level 3) ±4kV (Contact) , ±8kV (Air)

## ACCESSORIES



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